

# Fenzhen Su

## List of Publications by Year in descending order

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48  
papers

1,047  
citations

567144

15  
h-index

434063

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mining the association rules between port shoreline and land utilization intensity: a case study in the coastal zone of Kuala Lumpur, Malaysia. <i>Geocarto International</i> , 2022, 37, 2913-2930.	1.7	2
2	Reconstructing High-Precision Coral Reef Geomorphology from Active Remote Sensing Datasets: A Robust Spatial Variability Modified Ordinary Kriging Method. <i>Remote Sensing</i> , 2022, 14, 253.	1.8	3
3	Ecological carrying capacity and sustainability assessment for coastal zones: A novel framework based on spatial scene and three-dimensional ecological footprint model. <i>Ecological Modelling</i> , 2022, 466, 109881.	1.2	21
4	Land Use Optimization for Coastal Urban Agglomerations Based on Economic and Ecological Gravitational Linkages and Accessibility. <i>Land</i> , 2022, 11, 1003.	1.2	8
5	Applications of Deep Learning-Based Super-Resolution for Sea Surface Temperature Reconstruction. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 887-896.	2.3	5
6	Geo-intelligence for Pandemic Prevention and Control. <i>Advances in Geographical and Environmental Sciences</i> , 2021, , 83-94.	0.4	0
7	Development of a comprehensive assessment model for coral reef island carrying capacity(CORE-CC). <i>Scientific Reports</i> , 2021, 11, 3917.	1.6	1
8	Offshore Hydrocarbon Exploitation Observations from VIIRS NTL Images: Analyzing the Intensity Changes and Development Trends in the South China Sea from 2012 to 2019. <i>Remote Sensing</i> , 2021, 13, 946.	1.8	4
9	Changes in coastline and coastal reclamation in the three most developed areas of China, 1980â€“2018. <i>Ocean and Coastal Management</i> , 2021, 204, 105542.	2.0	52
10	Ecosystem Services Changes on Farmland in Response to Urbanization in the Guangdongâ€“Hong Kongâ€“Macao Greater Bay Area of China. <i>Land</i> , 2021, 10, 501.	1.2	7
11	Spatially Modeling the Synergistic Impacts of Global Warming and Sea-Level Rise on Coral Reefs in the South China Sea. <i>Remote Sensing</i> , 2021, 13, 2626.	1.8	6
12	Rapid greening response of Chinaâ€™s 2020 spring vegetation to COVID-19 restrictions: Implications for climate change. <i>Science Advances</i> , 2021, 7, .	4.7	32
13	Impact of Port Construction on the Spatial Pattern of Land Use in Coastal Zones Based on CLDI and LUT Models: A Case Study of Qingdao and Yantai. <i>Remote Sensing</i> , 2021, 13, 3110.	1.8	8
14	Can the Structure Similarity of Training Patches Affect the Sea Surface Temperature Deep Learning Super-Resolution?. <i>Remote Sensing</i> , 2021, 13, 3568.	1.8	2
15	Global Fisheries Responses to Culture, Policy and COVID-19 from 2017 to 2020. <i>Remote Sensing</i> , 2021, 13, 4507.	1.8	12
16	Expansion of Construction Land in the Coastal Areas: A Case Study of the Guangdong - Hong Kong - Macao Greater Bay Area, China. , 2021, , .		0
17	Machine learning-based detection of soil salinity in an arid desert region, Northwest China: A comparison between Landsat-8 OLI and Sentinel-2 MSI. <i>Science of the Total Environment</i> , 2020, 707, 136092.	3.9	130
18	Using Landsat Data to Detect Change in Live to Recently (<6 Months) Dead Coral Cover in the Western Xisha Islands, South China Sea. <i>Sustainability</i> , 2020, 12, 5237.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Impacts of Urbanization on the Ecosystem Services in the Guangdong-Hong Kong-Macao Greater Bay Area, China. <i>Remote Sensing</i> , 2020, 12, 3269.	1.8	39
20	Spatial Pattern of Construction Land Distribution in Bays along the Coast of Vietnam. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 707.	1.4	3
21	COVID-19: Challenges to GIS with Big Data. <i>Geography and Sustainability</i> , 2020, 1, 77-87.	1.9	349
22	Evaluation of submerged mangrove recognition index using multi-tidal remote sensing data. <i>Ecological Indicators</i> , 2020, 113, 106196.	2.6	21
23	Spatial–Temporal Evolution and Analysis of the Driving Force of Oil Palm Patterns in Malaysia from 2000 to 2018. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 280.	1.4	14
24	Ecosystem service changes in response to mainland coastline movements in China: Process, pattern, and trade-off. <i>Ecological Indicators</i> , 2020, 116, 106337.	2.6	10
25	Offshore Platform Extraction Using RadarSat-2 SAR Imagery: A Two-Parameter CFAR Method Based on Maximum Entropy. <i>Entropy</i> , 2019, 21, 556.	1.1	9
26	Clustering Coastal Land Use Sequence Patterns along the Sea–Land Direction: A Case Study in the Coastal Zone of Bohai Bay and the Yellow River Delta, China. <i>Remote Sensing</i> , 2019, 11, 2024.	1.8	15
27	Variations in ecosystem services in response to paddy expansion in the Sanjiang Plain, Northeast China. <i>International Journal of Agricultural Sustainability</i> , 2019, 17, 158-171.	1.3	13
28	Automatic Extraction of Offshore Platforms in Single SAR Images Based on a Dual-Step-Modified Model. <i>Sensors</i> , 2019, 19, 231.	2.1	13
29	Construction land sprawl and reclamation in the Johor River Estuary of Malaysia since 1973. <i>Ocean and Coastal Management</i> , 2019, 171, 87-95.	2.0	16
30	An evolving assessment model for environmental carrying capacity: A case study of coral reef islands. <i>Journal of Environmental Management</i> , 2019, 233, 543-552.	3.8	16
31	An index-based spatial evaluation model of exploitative intensity: A case study of coastal zone in Vietnam. <i>Journal of Chinese Geography</i> , 2018, 28, 291-305.	1.5	7
32	Morphological Precision Assessment of Reconstructed Surface Models for a Coral Atoll Lagoon. <i>Sustainability</i> , 2018, 10, 2749.	1.6	2
33	The geographical characteristics of Nansha Islands in the South China Sea. <i>Journal of Chinese Geography</i> , 2018, 28, 957-972.	1.5	8
34	Regional hard coral distribution within geomorphic and reef flat ecological zones determined by satellite imagery of the Xisha Islands, South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 501-514.	0.7	9
35	Mining Coastal Land Use Sequential Pattern and Its Land Use Associations Based on Association Rule Mining. <i>Remote Sensing</i> , 2017, 9, 116.	1.8	19
36	Application of a sea surface temperature front composite algorithm in the Bohai, Yellow, and East China Seas. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 597-607.	0.7	5

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37	An Improved DINEOF Algorithm for Filling Missing Values in Spatio-Temporal Sea Surface Temperature Data. PLoS ONE, 2016, 11, e0155928.	1.1	32
38	Reconstruction of Satellite-Derived Sea Surface Temperature Data Based on an Improved DINEOF Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4181-4188.	2.3	12
39	Spatial and temporal variability of thermal stress to China's coral reefs in South China Sea. Chinese Geographical Science, 2015, 25, 159-173.	1.2	26
40	A model of sea surface temperature front detection based on a threshold interval. Acta Oceanologica Sinica, 2014, 33, 65-71.	0.4	6
41	Optical and SAR image registration based on improved nonsubsampling wavelet transform for sea islands. Acta Oceanologica Sinica, 2014, 33, 86-95.	0.4	3
42	A temporal accessibility model for assessing the ability of search and rescue in Nansha Islands, South China Sea. Ocean and Coastal Management, 2014, 95, 46-52.	2.0	18
43	Application of the Model of Universal Gravity to Oceanic Front Detection Near the Kuroshio Front. Geo-information Science, 2013, 15, 187.	0.1	3
44	A physical Impulse-based approach to evaluate the exploitative intensity of Bay "A case study of Daya Bay in China. Ocean and Coastal Management, 2012, 69, 151-159.	2.0	3
45	Scale effects of the continental coastline of China. Journal of Chinese Geography, 2011, 21, 1101-1111.	1.5	20
46	Web-based spatiotemporal visualization of marine environment data. Chinese Journal of Oceanology and Limnology, 2010, 28, 1086-1094.	0.7	15
47	A Dynamic Axis-Area Analysis Method of Bay Use Change. , 2008, , .		1
48	A data-mining approach to determine the spatio-temporal relationship between environmental factors and fish distribution. Ecological Modelling, 2004, 174, 421-431.	1.2	42